

AMENDMENTS TO THE CLAIMS:

Claims 24, 29, 34, and 41 are canceled without prejudice or disclaimer. Claims 33, 42 and 55-60 are amended. The following is the status of the claims of the above-captioned application, as amended.

Claims 1-32 (Canceled).

Claim 33 (Currently amended). An isolated xyloglucanase, which is ~~any of~~
(a) a polypeptide having an amino acid sequence that is at least ~~80%~~ 90% identical with one or more of the sequences of amino acids 40-559 of SEQ ID NO: 2, 4 or 6; ~~or and~~
(b) a polypeptide encoded by a DNA sequence that hybridizes to one or more of nucleotides 121-1677 of SEQ ID NO: 1, 3 or 5, under ~~medium-high~~ stringency conditions, wherein the ~~medium-high~~ stringency conditions are defined as hybridization in 5xSSC at 45°C and washing in 2xSSC at 70°C-60°C.

Claim 34 (Canceled).

Claim 35 (Currently amended). The xyloglucanase of claim 33-34, which has an amino acid sequence that is at least 90% identical with amino acids 40-559 of SEQ ID NO: 2.

Claim 36 (Previously presented). The xyloglucanase of claim 35, which has an amino acid sequence that is at least 95% identical with amino acids 40-559 of SEQ ID NO: 2.

Claim 37 (Previously presented). The xyloglucanase of claim 36, which has an amino acid sequence that is at least 98% identical with amino acids 40-559 of SEQ ID NO: 2.

Claim 38 (Previously presented). The xyloglucanase of claim 33, which comprises a sequence of amino acids 36-559 of SEQ ID NO: 2.

Claim 39 (Previously presented). The xyloglucanase of claim 33, which comprises a sequence of amino acids 40-559 of SEQ ID NO: 2.

Claim 40 (Previously presented). The xyloglucanase of claim 39, which consists of a sequence of amino acids 40-559 of SEQ ID NO: 2.

Claim 41 (Canceled).

Claim 42 (Currently amended). The xyloglucanase of claim 33-41, which has an amino acid sequence that is at least 90% identical with amino acids 40-559 of SEQ ID NO: 4.

Claim 43 (Previously presented). The xyloglucanase of claim 42, which has an amino acid sequence that is at least 95% identical with amino acids 40-559 of SEQ ID NO: 4.

Claim 44 (Previously presented). The xyloglucanase of claim 43, which has an amino acid sequence that is at least 98% identical with amino acids 40-559 of SEQ ID NO: 4.

Claim 45 (Previously presented). The xyloglucanase of claim 33, which comprises a sequence of amino acids 36-559 of SEQ ID NO: 4.

Claim 46 (Previously presented). The xyloglucanase of claim 33, which comprises a sequence of amino acids 40-559 of SEQ ID NO: 4.

Claim 47 (Previously presented). The xyloglucanase of claim 46, which consists of a sequence of amino acids 40-559 of SEQ ID NO: 4.

Claim 48 (Previously presented). The xyloglucanase of claim 33, which has an amino acid sequence that is at least 85% identical with amino acids 40-559 of SEQ ID NO: 6.

Claim 49 (Previously presented). The xyloglucanase of claim 48, which has an amino acid sequence that is at least 90% identical with amino acids 40-559 of SEQ ID NO: 6.

Claim 50 (Previously presented). The xyloglucanase of claim 49, which has an amino acid sequence that is at least 95% identical with amino acids 40-559 of SEQ ID NO: 6.

Claim 51 (Previously presented). The xyloglucanase of claim 50, which has an amino acid sequence that is at least 98% identical with amino acids 40-559 of SEQ ID NO: 6.

Claim 52 (Previously presented). The xyloglucanase of claim 33, which comprises a sequence of amino acids 36-559 of SEQ ID NO: 6.

Claim 53 (Previously presented). The xyloglucanase of claim 33, which comprises a sequence of amino acids 40-559 of SEQ ID NO: 6.

Claim 54 (Previously presented). The xyloglucanase of claim 53, which consists of a sequence of amino acids 40-559 of SEQ ID NO: 6.

Claim 55 (Currently amended). The xyloglucanase of claim 33, which is encoded by a DNA sequence that hybridizes to nucleotides 121-1677 of SEQ ID NO: 1 under ~~medium~~-high stringency conditions.

Claim 56 (Currently amended). The xyloglucanase of claim 55, which is encoded by a DNA sequence that hybridizes to nucleotides 121-1677 of SEQ ID NO: 1 under high stringency conditions, wherein the high stringency conditions are defined as hybridization in 5xSSC at 45°C and washing in 2xSSC at 75°C-70°C.

Claim 57 (Currently amended). The xyloglucanase of claim 33, which is encoded by a DNA sequence that hybridizes to nucleotides 121-1677 of SEQ ID NO: 3 under ~~medium~~-high stringency conditions.

Claim 58 (Currently amended). The xyloglucanase of claim 57, which is encoded by a DNA sequence that hybridizes to nucleotides 121-1677 of SEQ ID NO: 3 under high stringency conditions, wherein the high stringency conditions are defined as hybridization in 5xSSC at 45°C and washing in 2xSSC at 75°C-70°C.

Claim 59 (Currently amended). The xyloglucanase of claim 33, which is encoded by a DNA sequence that hybridizes to nucleotides 121-1677 of SEQ ID NO: 5 under ~~medium~~-high stringency conditions.

Claim 60 (Currently amended). The xyloglucanase of claim 59, which is encoded by a DNA sequence that hybridizes to nucleotides 121-1677 of SEQ ID NO: 5, under high stringency conditions, wherein the high stringency conditions are defined as hybridization in 5xSSC at 45°C and washing in 2xSSC at 75°C-70°C.

Claim 61 (Previously presented). The xyloglucanase of claim 55, which is obtained from the *Bacillus/Lactobacillus* subdivision.

Claim 62 (Previously presented). The xyloglucanase of claim 61, which is obtained from a species of *Paenibacillus*.

Claim 63 (Previously presented). The xyloglucanase of claim 62, which is obtained from *Paenibacillus polymyxa*.

Claim 64 (Previously presented). The xyloglucanase of claim 57, which is obtained from the *Bacillus/Lactobacillus* subdivision.

Claim 65 (Previously presented). The xyloglucanase of claim 64, which is obtained from a species of *Paenibacillus*.

Claim 66 (Previously presented). The xyloglucanase of claim 65, which is obtained from *Paenibacillus polymyxa*.

Claim 67 (Previously presented). The xyloglucanase of claim 59, which is obtained from the *Bacillus/Lactobacillus* subdivision.

Claim 68 (Previously presented). The xyloglucanase of claim 67, which is obtained from a species of *Paenibacillus*.

Claim 69 (Previously presented). The xyloglucanase of claim 68, which is obtained from *Paenibacillus polymyxa*.

Claim 70 (Previously presented). A detergent composition comprising a xyloglucanase of claim 33 and a surfactant.

Claim 71 (Withdrawn). A process for washing a fabric, comprising treating the fabric during a washing cycle of a machine washing process with a washing solution which comprises a xyloglucanase of claim 33.